

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (canceled).
2. (currently amended): A disk player according to Claim ~~4~~ 5, wherein said slot is exposed to an exterior of said main chassis when in said opened position and accommodated in said main chassis when in said closed position.
3. (currently amended): A disk player according to Claim ~~4~~ 5, wherein said receiving module includes a clamper, wherein said play means includes a turntable mode coactive with said clamper for clamping the disk, and wherein said receiving module moves from said opened position to said closed position to clamp the disk at said predetermined position.
4. (original): A disk player according to Claim 3, wherein said receiving module is rotably hinged to said main chassis.
5. (currently amended): A disk player ~~according to Claim 1,~~ comprising:
a main chassis for enclosing play means for playing a disk;

a receiving module having a slot in which the disk is to be inserted;

disk transfer means for transferring the disk inserted into said slot;

disk detecting means for detecting a position of the disk inserted; and

drive means for moving said receiving module between a closed position and an opened position spaced from said closed position,

wherein the disk player further comprises switch means controlled by user for issuing a drive starting command signal to start driving said drive means, wherein said disk detecting means generates a detection signal when said disk arrives at a predetermined position, and wherein said drive means moves said receiving module from said opened position to said closed position in response to one of the detection signal from said disk detecting means and the command signal from said switch means,

wherein said drive means includes a link member, and wherein said link member is rotatably hinged at its one end portion to said receiving module and engages at its other end portion rotatably and slidably with said main chassis.

6. (original) A disk player according to Claim 5, wherein said transfer means is arranged on said link member.

7. (original) A disk player according to Claim 6, wherein said transfer means is a roller.

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8. (original): A disk player according to Claim 5, wherein said drive means includes stress applying means for moving the two end portions of said link member toward said main chassis.

9. (original): A disk player according to Claim 8, wherein said transfer means is arranged on said link member.

10. (original) A disk player according to Claim 9, wherein said transfer means is a roller.

11. (currently amended): A disk player ~~according to Claim 1,~~ comprising:
a main chassis for enclosing play means for playing a disk;
a receiving module having a slot in which the disk is to be inserted;
disk transfer means for transferring the disk inserted into said slot;
disk detecting means for detecting a position of the disk inserted; and
drive means for moving said receiving module between a closed position and an opened position spaced from said closed position,
wherein the disk player further comprises switch means controlled by user for issuing a drive starting command signal to start driving said drive means, wherein said disk detecting means generates a detection signal when said disk arrives at a predetermined position, and
wherein said drive means moves said receiving module from said opened position to said closed

position in response to one of the detection signal from said disk detecting means and the command signal from said switch means,

wherein said detecting means includes insertion detecting means for detecting the insertion of said disk into said slot to generate an insertion detecting signal, and wherein said transfer means is started in response to said insertion detecting signal.

12. (new): 'A disk player, comprising:

a module having a slot in which a disk is to be inserted when the module is in a first position;

a transfer roller that has a longitudinal axis and that rotates about the longitudinal axis to transfer the disk inserted into the slot;

a control circuit that receives a user command signal in response to a user input and that receives a detection signal when the disk has been inserted into said slot and has reached a predetermined position,

wherein the control circuit operates at least one motor to supply power to move the module from the first position to a second position when the control circuit receives the user command signal, and

wherein the control circuit operates the at least one motor to supply power to move the module from the first position to the second position when the control circuit receives the detection signal.

13. (new): The disk player as claimed in claim 12, further comprising:

a sensing circuit that senses when the disk has reached the predetermined position and that generates the detection signal.

14. (new): The disk player as claimed in claim 13, wherein the sensing circuit comprises a switch that moves from a first switch position to a second switch position in response to the disk moving to the predetermined position.

15. (new): The disk player as claimed in claim 12, further comprising a chassis that moveably supports the module,

wherein the slot is exposed to an exterior of the chassis when the module is in the first position, and

wherein the slot is accommodated inside the chassis when the module is in the second position.

16. (new): The disk player as claimed in claim 12, further comprising:
a chassis that moveably supports the module and that houses a turntable,
wherein the module comprises a clamper that operates in conjunction with the turntable to clamp the disk, and
wherein the clamper clamps the disk with the turntable in response to the module moving from the first position to the second position.

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17. (new): The disk player as claimed in claim 16, wherein the module is rotatably hinged to the chassis.

18. (new): The disk player as claimed in claim 12, wherein the transfer roller transfers the disk to the predetermined position after the disk is inserted into the slot, and wherein the control signal receives the detection signal when the transfer roller transfers the disk to the predetermined position.

19. (new): The disk player as claimed in claim 12, wherein the control circuit receives an insertion signal in response to the disk being inserted into the slot, and wherein the control circuit operates the at least one motor to supply power to the transfer roller to transfer the disk to the predetermined position in response to receiving the insertion signal.

20. (new): The disk player as claimed in claim 18, wherein the control circuit receives an insertion signal in response to the disk being inserted into the slot, and wherein the control circuit operates the at least one motor to supply power to the transfer roller to transfer the disk to the predetermined position in response to receiving the insertion signal.

21. (new): A disk player, comprising:

a detecting member having a cam surface, wherein, when a disk is inserted into the disk player, the disk abuts against the cam surface and moves the detecting member;

a detection circuit that detects when the detecting member moves and that outputs a corresponding detection signal;

a first roller that transfers the disk to a predetermined position;

at least one motor; and

a control circuit that operates the at least one motor in response to the detection signal to cause the first roller to rotate to transfer the disk to the predetermined position.

22. (new): The disk player as claimed in claim 21, wherein the detection member is located in front of the first roller when viewed from an insertion direction in which the disk is inserted into the disk player.

23. (new): The disk player as claimed in claim 21, wherein the detection member comprises a second roller, and

wherein an outer surface of the second roller comprises the cam surface.

24. (new): The disk player as claimed in claim 23, wherein the disk has a first planar surface, a second planar surface that opposes the first planar surface, and a circumferential edge surface connecting the first planar surface and the second planar surface, and

wherein, when the disk is inserted into the disk player, the circumferential edge surface of the disk initially abuts against the outer surface of the second roller and then moves the second roller in a first direction that is substantially perpendicular to the first planar surface of the disk.

25. (new): The disk player as claimed in claim 24, wherein the detection circuit outputs the detection signal in response to the second roller moving in the first direction.

26. (new): The disk player as claimed in claim 24, wherein, after the second roller moves in the first direction, the outer surface of the second roller abuts against the first planar surface of the disk.

27. (new): The disk player as claimed in claim 26, wherein the second roller is located in front of the first roller when viewed from an insertion direction in which the disk is inserted into the disk player, and

wherein the circumferential edge surface abuts against an outer surface of the first roller after the outer surface of the second roller abuts against the first planar surface of the disk.

28. (new): The disk player as claimed in claim 27, wherein, after the circumferential edge surface abuts against the outer surface of the first roller, the disk travels around the first roller until the outer surface of the first roller abuts against the second planar surface of the disk, and

wherein the disk moves the second roller in the first direction between a first instance when the circumferential edge surface abuts against the first roller and a second instance when the outer surface of the first roller abuts against the second planar surface of the disk.

29. (new): The disk player as claimed in claim 28, wherein the detection circuit detects when the second roller moves in the first direction only after the circumferential edge surface abuts against the first roller.

30. (new): The disk player as claimed in claim 29, wherein, after the outer surface of the first roller abuts against the second planar surface of the disk and after the second roller abuts against the first planar surface of the disk, the control circuit operates the at least one motor to space the first roller away from the second planar surface and to space the second roller away from the first planar surface.

31. (new): The disk player as claimed in claim 30, wherein, the control circuit operates the at least one motor to begin to space the first roller away from the second planar surface and to begin to space the second roller away from the first planar surface after the disk reaches the predetermined position.

32. (new): The disk player as claimed in claim 28, further comprising:
a housing that moveably supports the second roller and that contains a slot to insert the disk into the disk player; and

a chassis that moveably supports the first roller,
wherein, when the disk reaches the predetermined position, the control circuit operates
the at least one motor to cause the housing to move towards the chassis in a second direction.

33. (new): The disk player as claimed in claim 32, wherein the second direction is
substantially opposite to the first direction.

34. (new): The disk player as claimed in claim 21, further comprising:
a housing that moveably supports the detecting member and that contains a slot to insert
the disk into the disk player; and
a chassis that moveably supports the first roller,
wherein, when the disk abuts against the cam surface of the detecting member, the disk
moves the detecting member in a first direction away from the first roller, and
wherein, when the disk reaches the predetermined position, the control circuit operates
the at least one motor to cause the housing to move towards the chassis in a second direction.

35. (new): The disk player as claimed in claim 34, wherein the second direction is
substantially opposite to the first direction.